

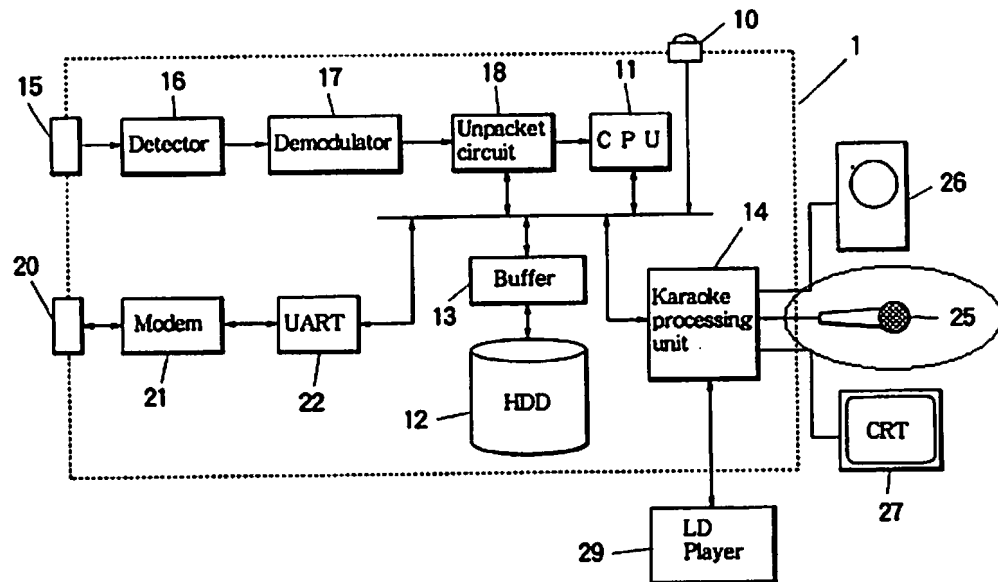
REMARKS

Claims 1-8 are currently pending in this application. Claims 1-6 are rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,808,224 to Kato in view of U.S. Patent No. 6,520,776 to Furukawa, and further in view of U.S. Patent No. 5,906,494 to Ogawa et al. (hereinafter, "Ogawa"). Claims 7-8 are rejected under 35 U.S.C. §103(a) as being unpatentable over Kato in view of Furukawa, further in view of Ogawa, and further in view of U.S. Patent No. 7,328,272 to Kuramochi.

Regarding the §103(a) rejection of independent Claim 1, this claim is patentable over Kato, Furukawa, and Ogawa. The rejection of Claim 1 asserts that a combination of a portable downloader and player of Kato corresponds to the RF Karaoke data receiving pack of Claim 1. (Office Action, page 2). Claim 1 states that the RF Karaoke data receiving pack includes "an RF receiver for receiving a voice signal and key data signal radio-transmitted from a wireless microphone device via a receiving antenna."

Regarding this limitation, the rejection asserts, "Kato further discloses wherein the system comprises a RF receiver for receiving voice signal and key data signal transmitted via a receiving antenna (See Col. 12, 5-28)." (Office Action, page 3). However, the cited passage of Kato refers to elements 111, 112, 122, 126 of FIG. 8 of Kato, which refer to communication between a loader 102 and a player 101. Since the rejection compares the RF data receiving pack of Claim 1 to a combination of a downloader and a player of Kato, communications between the loader 102 and the player 101 cannot correspond to data radio-transmitted from a wireless microphone via a receiving antenna. More specifically, the only description of a microphone in Kato is with reference to the microphone 25 illustrated in FIG. 3 of Kato, which is connected to a karaoke player 1 via a wired connection, as shown in the marked-up copy of FIG. 3 below:

FIG.3



Further, Kato does not teach, disclose, or suggest that the microphone 25 transmits key data signal in addition to a voice signal. Therefore, Kato does not teach, disclose, or suggest the above-quoted limitation of Claim 1.

Furukawa does not cure the deficiencies of Kato. FIGs. 1 and 2 of Furukawa illustrate a microphone 1 connected to a television 15 via a wire 11. Further, Furukawa does not teach, disclose, or suggest that a key data signal is transmitted by the microphone 1 and further does not teach, disclose, or suggest receiving a voice signal and a key data signal from a wireless microphone.

Ogawa does not cure the deficiencies of Kato and Furukawa. FIG. 1 of Ogawa, for example, illustrates a microphone 10 connected to an amplifier 1 via a wired

connection. Further, Ogawa does not teach disclose, or suggest that the microphone transmits a key data signal in addition to a voice signal, and further does not teach, disclose, or suggest receiving a voice signal and a key data signal from a wireless microphone.

Therefore, Kato, Furukawa, and Ogawa do not teach, disclose, or suggest, alone or in combination, “an RF receiver for receiving a voice signal and key data signal radio-transmitted from a wireless microphone device via a receiving antenna.”

All of the claimed features of independent Claim 1 are not taught or suggested by the combination of Kato, Furukawa, and Ogawa or by either reference alone. Therefore, Claim 1 is patentable over Kato, Furukawa, and Ogawa. Accordingly, withdrawal of the §103(a) rejection of Claim 1 is respectfully requested.

Regarding §103(a) rejection of independent Claim 6, this claim is patentable over Kato, Furukawa, and Ogawa. At the very least, Kato, Furukawa, and Ogawa do not teach, disclose, or suggest, “a wireless microphone device for...radio- transmitting the modulated key data signal and voice signal,” for at least the reasons stated above regarding independent Claim 1.

All of the claimed features of independent Claim 6 are not taught or suggested by the combination of Kato, Furukawa, and Ogawa or by either reference alone. Therefore, independent Claim 6 is patentable over Kato, Kuramochi, and Ogawa. Accordingly, withdrawal of the §103(a) rejection of Claim 6 is respectfully requested.

Claims 2-5 and 7-8 are dependent claims, and are believed to be in condition for allowance for at least the reasons given above with regard to their respective independent Claims 1 and 6.

Accordingly, all of the claims pending in the Application, namely, Claims 1-8 are believed to be in condition for allowance. Should the Examiner believe that a telephone conference or personal interview would facilitate resolution of any remaining matters, the Examiner may contact Applicant's attorney at the number given below.

Respectfully submitted,



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